

Thomas Heard 10/732,900

(FILE 'CAPLUS' ENTERED AT 14:40:34 ON 21 APR 2005)  
DEL HIS Y

FILE 'REGISTRY' ENTERED AT 14:47:52 ON 21 APR 2005  
ACT HEARD2/A

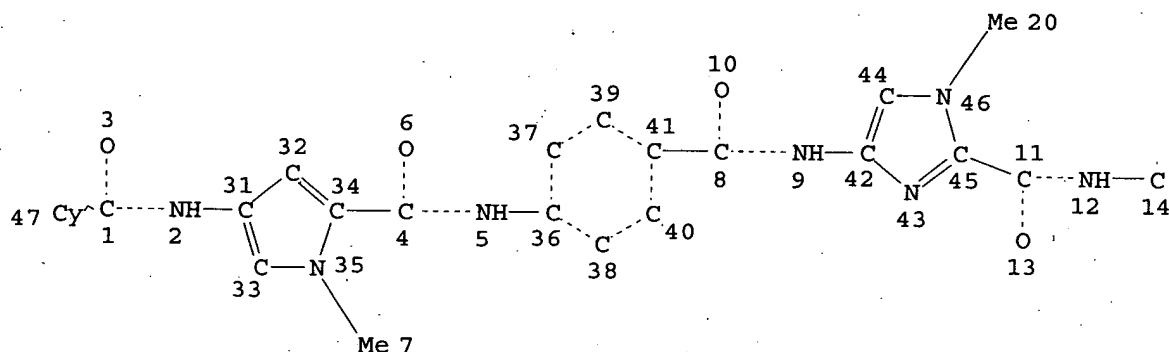
L1 STR  
L2 87 SEA FILE=REGISTRY SSS FUL L1  
L3 0 S L2 NOT (CAPLUS OR CA OR USPATFULL)/LC

L4 FILE 'CAPLUS' ENTERED AT 14:48:14 ON 21 APR 2005  
2 S L2

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NUMBER OF NODES IS 32

37 SBA FILE=REGISTRY SSS-POL-11

87 ANSWERS

=> d his 13

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~~Full details~~

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FILE COVERS 1907 - 21 Apr 2005 VOL 142 ISS 17  
FILE LAST UPDATED: 20 Apr 2005 (20050420/ED)

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L1 STR  
L2 87 SEA FILE=REGISTRY SSS FUL L1  
L4 ~~2 SEA FILE=CAPLUS ABB=ON PLU=ON L2~~

=> d .ca 1

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER: 2004:603180 CAPLUS  
DOCUMENT NUMBER: 141:270992  
TITLE: DNA Binding Ligands with Improved in Vitro and in Vivo  
Potency against Drug-Resistant Staphylococcus aureus  
AUTHOR(S): Hu, Wenhao; Buerli, Roland W.; Kaizerman, Jacob A.;  
Johnson, Kirk W.; Gross, Matthew I.; Iwamoto, Mari;  
Jones, Peter; Lofland, Denene; Difuntorum, Stacey;  
Chen, Hsiu; Bozdogan, Buelent; Appelbaum, Peter C.;  
Moser, Heinz E.  
CORPORATE SOURCE: Genesoft Pharmaceuticals Inc., South San Francisco,  
CA, 94080, USA  
SOURCE: Journal of Medicinal Chemistry (2004), 47(18),  
4352-4355  
CODEN: JMCMAR; ISSN: 0022-2623  
PUBLISHER: American Chemical Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
ED Entered STN: 29 Jul 2004  
GI

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB Potent in vivo activity against methicillin-resistant Staphylococcus aureus (MRSA) has been difficult to achieve with previously reported DNA binding antibacterials. Herein, we describe an efficient access to a focused library of new analogs yielding compds. with improved activity in a mouse peritonitis model. The most potent mols. (I and II) exhibit efficacy against MRSA at ED50 values of .apprx.1 and .apprx.5 mg/kg, resp., and display excellent in vitro activity against vancomycin-resistant S. aureus.

CC 1-3 (Pharmacology)

Section cross-reference(s): 10, 28

IT 478492-67-0P 478492-74-9P 711020-87-0P 711020-96-1P  
711020-97-2P 711020-99-4P 711021-04-4P